2016 Plan Review - Fire Life Safety Reminder List

**Applicable Codes and Standards**

**Instructions:** The following items are to be verified for completeness prior to submitting to OSHPD for plan review:

### I. Submittal Requirements

- 1. At least at least two (2) sets of plans.  
  - **CAC, Sec. 7-113. (a) 2.C**
- 2. Indicate SB1953 SPC and NPC categories of building(s). Review Means of Egress for compliance with CBC Sec. 1003.1.1.  
  - **CBC, Sec. 3417A**

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### II. Architectural

1. Indicate type(s) of construction.  
   - **CBC, Sec. 602.1**
2. Identify occupancy group(s).  
   - **CBC, Sec. 302.1**
3. Indicate number of stories & basements. Include total height.  
   - **CBC, Sec. 503.1**
4. Indicate location on lot & extent of frontage.  
   - **CBC, Sec. 506.3**
5. Actual & allowable area and allowable area modifications.  
   - **CBC, Sec. 506.1 & 506.2**
6. Identify real & imaginary property lines between buildings on the same lot.  
   - **CBC, Sec. 503.1.2**
7. Identify all fire wall locations, if applicable. Detail termination of walls.  
   - **CBC, Sec. 503.1**
8. Indicate fire resistance of exterior walls.  
   - **CBC, Sec. 602**
9. Identify projections from exterior walls.  
   - **CBC, Sec. 705**
10. Identify bulk oxygen system, fire pumps, temporary equipment, generators, above and below ground fuel tanks, etc. on site plan.  
    - **CBC, Sec. 107.2.5**
11. Where atria smoke control is provided, rational analysis required.  
    - **CBC, Sec. 909.4**
12. Identify locations of all stairs and ramps. Provide details.  
    - **CBC, Secs. 1011 & 1012**
    - **CFC, Sec. 501.1 & Sec. 501.3**
    - **CBC, Sec. 602.1**
15. Provide design and details of fire protection for structural members.  
    - **CBC, Sec. 602.1**
16. Identify and provide construction details of all fire-resistance rated barriers, walls and partitions. Provide wall legend.  
    - **CBC, Sec. 602.1**
17. Provide cross-sectional detail of the fire-resistance rated corridor design.  
    - **CBC, Sec. 708**
18. Detail any building exterior wall perimeter (curtain wall) fire containment system. Provide system design numbers on plans.  
    - **CBC, Sec. 715.4**
19. Show locations of seismic joints and details of fire listed rated joints. Provide system design numbers on plans.  
    - **CBC, Sec. 715.1**
20. Provide listed head of wall joint detail(s) for fire rated walls. Provide system design numbers on plans.  
    - **CBC, Sec. 715.1**
21. Provide details for listed through-penetration fire-stopping for fire-resistance-rated walls and horizontal assemblies. Provide system design numbers.  
    - **CBC, Sec. 714.3 & Sec. 714.4**
22. Provide a section detail through the building and identify the roof and floor assemblies. Provide design numbers.  
    - **CBC, Sec. 602.1**
23. Provide details, dimensions and area of each smoke compartment. Provide refuge area calculations for adjacent compartments.  
    - **CBC, Sec. 407.5**
24. Provide a demolition plan showing protection of exit path, fire alarm devices, and fire sprinklers during construction.  
    - **CFC, Chapter 33**
25. Provide details, dimensions and area of each care suite.  
    - **CBC, Sec. 407.4.4**
26. Show location of all interior exit stairways, interior exit ramps, exit passageways, and the path of exit discharge to the public way.  
    - **CBC, Sec. 107.2.3**
27. Identify all fire rated exit access corridors.  
    - **CBC, Sec. 1020**
28. Show location of waiting rooms, alcoves, lobbies, nurse stations, and charting stations.  
    - **Title 19, Sec. 3.11(b)**
## II. Architectural (Continued)

- **29.** Show accessible means of egress and identify each component used.  
  - CBC, Sec. 1009.1
- **30.** Specify roof coverings and show required class rating.  
  - CBC, Sec. 1505.1
- **31.** Show location of all vertical shafts and provide details of all shaft assemblies.  
  - CBC, Sec. 713.1
- **32.** Provide flame spread information for interior finishes.  
  - CBC, Sec. 803.11
- **33.** Identify incidental use areas and separate & protect them per Table 509.  
  - CBC, Sec. 509.4
- **34.** Show projections, cornices, eave overhangs, exterior balconies.  
  - CBC, Sec. 705.2
- **35.** Show locations and details of fire blocking and draft stops where applicable.  
  - CBC, Sec. 718.1

## III. Mechanical - Plumbing

- **1.** Show location of all fire & fire/smoke dampers. Indicate method of operation.  
  - CBC Sec. 717.1 & Sec. 717.3
- **2.** Identify air handling equipment and show automatic shutdown if applicable.  
  - CMC, Sec. 608
- **3.** Indicate location and provide details of kitchen exhaust hoods. Provide information on the fire suppression system and compliance with U.L. 300.  
  - CFC, Sec. 609 & Sec. 904.2.2
- **4.** Provide complete design details for refrigeration machine room(s) and refrigeration machine room detection and alarms. (See refrigeration reminder list)  
  - CFC, Sec. 606 & CMC, Sec. 1101
- **5.** Provide complete design details of the fire sprinkler and standpipe systems. (See fire sprinkler reminder list)  
  - CFC, Sec. 903.2 & Sec. 905.3
- **6.** Provide complete design details of underground fire service mains where applicable.  
  - CFC, Sec. 507.2.1

## IV. Electrical

- **1.** Identify location and provide complete design details of emergency generator(s) systems.  
  - CFC, Sec. 604.1
- **2.** Provide complete design details of the fire alarm system. (See fire alarm system reminder list)  
  - CFC, Sec. 907.1.1.1
- **3.** Provide complete design details of the essential electrical system.  
  - CEC, Sec. 517.25
- **4.** Indicate the means of egress, including the exit discharge, is illuminated at all times the building served by the means of egress is occupied.  
  - CBC, Sec. 1006.1

http://www.oshpd.ca.gov/FDD/Regulations/CANs/index.html
OSHPD Project Review Status  
http://www.oshpd.ca.gov/FDD/project_status/index.asp
OSHPD Public Use Forms  
http://www.oshpd.ca.gov/FDD/Forms/index.html